

# SEQUENCE LISTING

<110> Nelsestuen, Gary L.

<120> MODIFIED VITAMIN K-DEPENDENT  
POLYPEPTIDES

<130> 09531/002001

<140> 08/955,636

<141> 1997-10-23

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<211> 44

<212> PRT

<213> Homo sapiens

<220>

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<222> (0)...(0)

<223> Xaa=gamma carboxyglutamic acid or glutamic acid

<400> 1

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Cys	Ile	Xaa	Xaa	Ile	Cys	Asp	Phe	Xaa	Xaa	Ala	Lys	Xaa	Ile	Phe	Gln
			20					25						30	
Asn	Val	Asp	Asp	Thr	Leu	Ala	Phe	Trp	Ser	Lys	His				
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<212> PRT

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<220>

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<400> 2

Ala	Asn	Ser	Phe	Leu	Xaa	Xaa	Leu	Arg	Pro	Gly	Asn	Val	Xaa	Arg	Xaa
				5				10						15	
Cys	Ser	Xaa	Xaa	Val	Cys	Xaa	Phe	Xaa	Xaa	Ala	Arg	Xaa	Ile	Phe	Gln
			20					25						30	
Asn	Thr	Xaa	Asp	Thr	Met	Ala	Phe	Trp	Ser	Phe	Tyr				

35

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Ala	Asn	Ala	Phe	Leu	Xaa	Xaa	Leu	Arg	Pro	Gly	Ser	Leu	Xaa	Arg	Xaa
1				5					10					15	
Cys	Lys	Xaa	Xaa	Gln	Cys	Ser	Phe	Xaa	Xaa	Ala	Arg	Xaa	Ile	Phe	Lys
			20					25					30		
Asp	Ala	Xaa	Arg	Thr	Lys	Leu	Phe	Trp	Ile	Ser	Tyr				
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Ala	Asn	Gly	Phe	Leu	Xaa	Xaa	Leu	Arg	Pro	Gly	Ser	Leu	Xaa	Arg	Xaa
1				5					10					15	
Cys	Arg	Xaa	Xaa	Leu	Cys	Ser	Phe	Xaa	Xaa	Ala	His	Xaa	Ile	Phe	Arg
			20					25					30		
Asn	Xaa	Xaa	Arg	Thr	Arg	Gln	Phe	Trp	Val	Ser	Tyr				
		35					40								

<210> 5  
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<220>  
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Tyr	Asn	Ser	Gly	Lys	Leu	Xaa	Xaa	Phe	Val	Gln	Gly	Asn	Leu	Xaa	Arg
1				5					10					15	
Xaa	Cys	Met	Xaa	Xaa	Lys	Cys	Ser	Phe	Xaa	Xaa	Ala	Arg	Xaa	Val	Phe
			20					25					30		

Xaa Asn Thr Xaa Arg Thr Thr Xaa Phe Trp Lys Gln Tyr  
 35 40 45

<210> 6  
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<220>  
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 1 5 10 15  
 Xaa Cys Met Xaa Xaa Lys Cys Ser Phe Xaa Xaa Ala Arg Xaa Val Phe  
 20 25 30  
 Xaa Asn Thr Xaa Lys Arg Thr Thr Xaa Phe Trp Lys Gln Tyr  
 35 40 45

<210> 7  
 <211> 36  
 <212> DNA  
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<220>  
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<400> 7  
 aaattaatac gactcactat agggagaccc aagctt

36

<210> 8  
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<400> 8  
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42

<210> 9  
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<220>  
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36

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<220>  
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<210> 13  
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<400> 13  
cagtgtgtca tccacatctt cgaaaatttc cttggc 36

<210> 14  
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<400> 14  
 gcccaaggaaa ttttcgaaga tgtggatgac acactg 36

<210> 15  
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<400> 15  
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<400> 16  
 gcccaaggaaa ttttcgaaaa tgtggatgac acactg 36

<210> 17  
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 Xaa Cys Leu Xaa Xaa Pro Cys Ser Arg Xaa Xaa Ala Phe Xaa Ala Leu  
                   20                  25                  30  
 Xaa Ser Leu Ser Ala Thr Asp Ala Phe Trp Ala Lys Tyr  
                   35                  40                  45

<210> 18  
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<220>  
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 <223> Xaa=gamma carboxyglutamic acid or glutamic acid

	<400>	18													
Ala	Asn	Ser	Phe	Leu	Xaa	Xaa	Val	Lys	Gln	Gly	Asn	Leu	Xaa	Arg	Xaa
1				5					10					15	
Cys	Leu	Xaa	Xaa	Ala	Cys	Ser	Leu	Xaa	Xaa	Ala	Arg	Xaa	Val	Phe	Xaa
			20					25					30		
Asp	Ala	Xaa	Gln	Thr	Asp	Xaa	Phe	Trp	Ser	Lys	Tyr				
		35					40								